**STEMS Standardized Test Questions: Bailey, Kelsey**

Which planet is the largest in our solar system?

A Mars

B Earth

C Jupiter

D Saturn

Performance Indicator: 0507.6.1 Distinguish among the planets according

to their known characteristics, such as appearance,

location, composition, and apparent motion.

Which force holds the atmosphere of Earth in place?

F. electric

G. magnetic

H. gravity

J. friction

Newton’s understanding of gravity was important for the development of which technology?

F. a satellite that orbits Earth

G. a car powered with corn oil

H. robots that help with daily tasks

J. instruments that detect radio waves coming from space

Which of these keeps a satellite in orbit around Earth?

A. the shape of the satellite

B. the mass of the satellite

C. the magnetic force of Earth

D. the gravitational pull of Earth

A star chart is best to use to:

A see stars up close.

B identify constellations.

C travel around the stars.

D predict how constellations move.

Performance Indicator: 0507.6.3 Identify methods and tools for identifying

star patterns.

A student looks for the Big Dipper constellation in the night sky. Which tool best helps the

student identify this constellation?

F star chart

G microscope

H binoculars

J globe

Performance Indicator: 0507.6.3 Identify methods and tools for identifying

star patterns.

Which planet is farthest from the sun?

A Earth

B Mars

C Neptune

D Saturn